

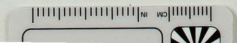
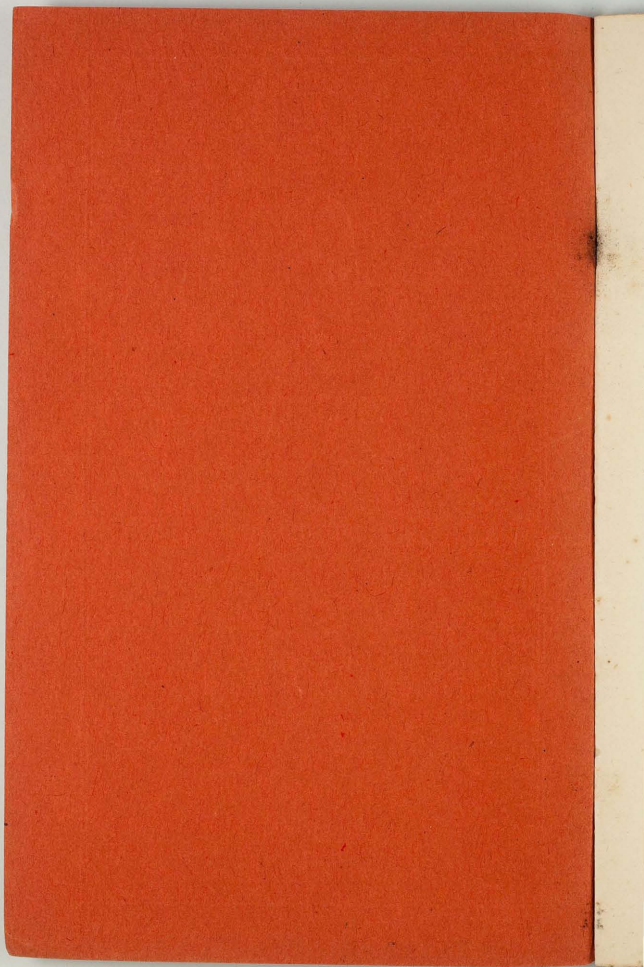
AIM Ann Report
1917 to 1918

ANNUAL REPORT
OF THE
AUCKLAND INSTITUTE
AND
MUSEUM
FOR
1917-1918.

ADOPTED AT THE ANNUAL MEETING
HELD FEBRUARY 25th, 1918.

AUCKLAND:
THE BRETT PRINTING AND PUBLISHING COMPANY, LIMITED.—22496
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MCMXVIII.

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OF THE

AUCKLAND INSTITUTE.

President:

J. H. GUNSON, Esq., Mayor of Auckland.

Vice-Presidents

HON. E. MITCHELSON.

C. J. PARR, C.M.G., M.P.

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T. F. CHEESEMAN, F.L.S., F.Z.S.

Assistant and Preparator of Specimens:

L. T. GRIFFIN, F.Z.S.

Auditor:

S. GRAY, F.R.A.

The following
Periodicals and Publications of Societies
are Subscribed to by the Institute:

NATURE.
THE PHILOSOPHICAL MAGAZINE.
THE AMERICAN JOURNAL OF SCIENCE.
AMERICAN CHEMICAL JOURNAL.
THE ELECTRICIAN.
THE PHYSICAL REVIEW.
COMPTES RENDUS DES SEANCES DE L'ACADEMIE DES SCIENCES.
ANNALS AND MAGAZINE OF NATURAL HISTORY.
QUARTERLY JOURNAL OF MICROSCOPICAL SCIENCE.
ANNALS OF BOTANY.
THE BOTANICAL GAZETTE.
THE GARDENER'S CHRONICLE.
JOURNAL OF AGRICULTURAL SCIENCE.
THE GEOLOGICAL MAGAZINE.
SCIENCE PROGRESS.
THE ECONOMIC JOURNAL.
THE LANCET.
MIND.

TRANSACTIONS AND PROCEEDINGS OF THE ROYAL SOCIETY.
TRANSACTIONS AND PROCEEDINGS OF THE ZOOLOGICAL SOCIETY.
THE ZOOLOGICAL RECORD.
PUBLICATIONS OF THE RAY SOCIETY.
JOURNAL OF THE CHEMICAL SOCIETY.
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY.
QUARTERLY JOURNAL OF THE GEOLOGICAL SOCIETY.
JOURNAL OF THE ROYAL AGRICULTURAL SOCIETY.
THE GEOGRAPHICAL JOURNAL.
REPORT OF THE BRITISH ASSOCIATION.

Report of the Council.

The Report which the Council now presents to the Members marks the completion of the fiftieth year of the existence of the Society. At the conclusion of such a period it is natural that the governing body, while paying full attention to the requirements of the present, should also concern itself with the demands of the future; or, in other words, take into consideration the subsequent aims and development of the Institute and Museum. The first part of the Report will therefore contain the customary account of the activities of the Society during the past year; while in the second will be given a brief statement of those views regarding future development that have been discussed at various meetings of the Council, and also the final conclusions that have been arrived at.

Members.—Mainly through a special canvass undertaken by the Hon. E. Mitchelson and another member of the Council no less than 88 new members have been elected during the year. On the other hand, 29 names have been withdrawn—14 from death, 10 from resignation, and 5 from non-payment of subscription for more than two consecutive years. The net gain is thus 59, the number on the roll at the present time being 450. It is worthy of remark that this is more than double the membership of the next largest Society incorporated with the New Zealand Institute.

Several of the members removed by death have been long in association with the Institute. Mr. L. J. Bagnall served for several years as a member of the Council. Colonel Burton, Dr. Lewis, Mr. S. J. Nathan, and Mr. Murdoch McLean have all taken considerable interest in the work of the Institute. In the death of Lieutenant H. A. E. Milnes, late Principal of the Auckland Training College, who was killed in action in France a few months ago, the Society loses an earnest supporter, and Auckland an Educationalist of high standing. In this connection it may be mentioned that 22 members of the Institute are at present absent with the New Zealand Expeditionary Force.

Finance.—Full information respecting the financial position of the Society is given in the balance-sheets appended to the Report; but the following brief synopsis may be useful. The total revenue of the working account, after deducting the balance in hand at the

AIM Ann Report 1917 to 1918

beginning of the year, has been £1,827 16s. 7d. This compares favourably with the amount for the previous year, which was £1,741 12s. 6d., showing an increase of £86 4s. 1d. Examining the various items, it will be seen that the members' subscriptions have yielded £420, being an advance of £46 4s. 0d. on last year's figures. The receipts from the Museum Endowment, consisting of rents and interest, have amounted to £713 12s. 11d., evidencing a slight decrease. On the other hand, the receipts from the invested funds of the Costley Bequest, which have yielded £453 18s. 1d., are slightly larger than last year's amount. The remaining items call for no special remark. The expenditure has amounted to £1,763 11s. 4d. This is much smaller than the total for the last year, which was considerably swollen by the cost of fitting up the new Ethnographical Hall, an account of which was given in the last Report. It is satisfactory to state that a further sum of £200 has been paid in part liquidation of the loan borrowed from the Investment Account two years ago, to defray the expenses of the above work. Another payment of similar amount, which it is hoped to make during the present year, will dispose of the loan altogether. The cash balance in hand at the present time amounts to £166 0s. 6d.

With regard to the invested funds of the Institute, some small sums have been received from sales of Museum Endowments, raising the total amount to £22,869 8s. 6d. With the exception of a small sum waiting investment, the whole of this is satisfactorily placed in specially selected mortgages or municipal debentures.

Meetings.—Seven meetings have been held during the year, at which the following lectures and papers were read, and an opportunity afforded for discussion:—

1. Berlin, Bagdad, and the Balkans: Germany's Eastern Ambitions.—By Professor J. P. Grossmann.
2. The Kermadec Islands: Their Plant and Bird Life.—By W. R. B. Oliver, F.L.S.
3. Some Present Aspects of the War.—By the Rev. W. G. Monckton.
4. Natural Sources of Power: Their Importance to New Zealand.—By Mr. F. E. Powell, C.E.
5. Heredity.—By Professor A. P. W. Thomas, F.L.S.
6. The Civic Spirit of Roman Architecture.—By Mr. T. G. Price.
7. A New Species of *Hypolepis*.—By H. Carse.
8. The Extraordinary Rainfall of 1916-1917.—By H. B. Devereux.

9. On the Distribution of the Pentatonic Scale in Britain.—By Professor J. C. Johnson, F.L.S.
10. On the Sporophyte of *Rhipogonum scandens*.—By Miss A. C. Tizard. (Communicated by Professor J. C. Johnson.)
11. Descriptions of New Native Flowering Plants.—By D. Petrie.

Those papers which were written for publication in the "Transactions," have been forwarded to the Editor, and should appear in the volume for 1917, now being prepared for the Press. It is a matter for regret that the number of such is so small; but a similar reduction is being experienced elsewhere in New Zealand, and can be safely attributed to the paralysing effect that the war is exercising on almost all branches of human effort not immediately concerned with its prosecution. From the same reason, great delay has occurred in the issue of Volume 49 of the "Transactions," which should have appeared early in the spring, but of which no copies are yet available for distribution among the members. Press of Government printing due to the war, a reduced staff, and serious shortage in the stock of paper, are the main reasons assigned for this very regrettable delay.

Proposals suggesting a reform of the New Zealand Institute were submitted for the consideration of the Council by the Wellington Philosophical Society. The most important of these involved changes in the membership of the Institute which, if carried out in their original shape, would have injuriously affected most of the incorporated Societies. The proposals were considered at the recent meeting of the Board of Governors in Wellington, and it is now regarded as probable that most of the objectionable features will be eliminated.

The Committee appointed by the Council to consider the Co-ordination of Science and Industry, whose first report appeared last year, has continued its labours during the present session, and has prepared a second communication. This, together with reports from other committees set up by the various branches of the New Zealand Institute, has been placed before a general committee of the Institute sitting in Wellington, which, it is understood, will shortly forward a full statement of its views to the Government.

In connection with research, it should be mentioned that the New Zealand Government has announced that a grant of £500 is now available for division among applicants engaged in scientific research. Enquiries respecting the mode of administering the fund may be made from the Auckland Institute, through which body all applications from Auckland must pass.

AIM Ann Report

1917 to 1918

Museum.—With the exception of a short period necessarily devoted to cleaning and re-arrangement, the Museum has been open to the public daily throughout the year. The attendance has been excellent, although not quite equal to that of the three years 1914 to 1916. Taking the Sunday visitors first, the register kept by the Janitor shows that 20,810 people entered the building on that day, being an average of 400 for each Sunday. The greatest attendance was 1,911 on September 2nd, and the smallest 36 on April 1st, an exceedingly wet day. On the eight chief holidays of the year the total number of visitors was 5,540, being a daily average of 692. The largest attendance on any single holiday was 1,025 on King's Birthday, followed by 789 on January 2nd. It is not possible to give the actual number of people visiting the Museum on ordinary week-days; but, taking occasional counts as a basis of calculation, it is believed that the average attendance can be safely estimated at 200, which would give a total of 61,000. If to this number be added the figures for Sundays and holidays, the total number of visitors for the whole year can be stated at 87,350. Last year the estimate was 89,757.

Considerable progress has been made in the Museum during the year. The numerous recent additions to the Maori Collections have rendered it necessary to re-arrange a large part of the contents of the Maori Hall. The work is not yet completed; but sufficient has been done to make the collections much more intelligible to visitors, and more readily inspected. A plate-glass show-case has been provided for the fine series of taiahas, battle-axes, etc., in the possession of the Museum. These are now much more worthily exhibited, and the space they formerly occupied has supplied accommodation for other articles. A new show-case, kindly presented by Mr. A. F. Ellis, has been utilised for the reception of the Maori musical instruments. An additional table-case has also been provided for the smaller worked stone and bone articles, many of which have never been previously exhibited.

As detailed in last year's Report, the completion of the new mineral room, and the transfer to it of many specimens formerly exhibited in the gallery of the main hall, will provide some additional space for the representation of the New Zealand Fauna. It is intended to utilise the table-cases on the south side of the gallery for the reception of the New Zealand Shells, and a considerable amount of preliminary work has been done, such as the cleaning and repainting of the cases, the preparation of the trays and tablets for the specimens, cataloguing, sorting, etc. It is hoped to commence the actual arrangement in a short time. In the taxidermist's department, Mr. Griffin has nearly completed a very realistic group illustrating the breeding habits of the Black-fronted Tern, one of the most graceful of New Zealand birds. The group, which has

cost a large amount of patient work and preparation, is of an entirely different character to those already exhibited, and will be generally admired. It will be placed in the Museum as soon as the necessary show-case can be constructed. Mr. Griffin has also prepared various other natural-history specimens during the year, and has mounted several hundreds of ethnographical articles, in addition to performing many other duties.

The additions and donations received during the year have been numerous and valuable, as will be seen from the list appended to the report, but only the more important can be mentioned here. In the Ethnographical department special reference should be made to three historical bone Meres, purchased and presented to the Museum by the Hon. A. M. Myers, Mr. Henry Brett, and Mr. R. H. Abbott. Two of these were formerly the property of the celebrated chieftain Rewi Maniapoto, whose name will always be remembered in connection with the Maori War and the defence of Orakau against our troops. The third belonged to the well-known Uriwera warrior Hauwai.

Mr. H. E. Partridge has donated ten plaster bas-reliefs of the busts of Maoris and Hawaiians, modelled from life by the well-known sculptor Allan Hutchinson. These will be most useful to the Museum when attempts are made to prepare modelled groups of Maoris engaged in their old-time avocations.

Another valuable addition consists of ten limestone slabs bearing pre-Maori rock paintings or pictographs, obtained by Dr. Elmore, an American scientist, from certain rock shelters in North Otago. The cost of excavating the slabs, together with others intended for the Otago Museum, was borne by the Otago and Auckland Institutes. Although these pictographs, together with others in Canterbury, have been known for many years, they have not attracted the notice that they certainly deserve.

Single articles of note consist of a remarkably fine and delicately carved charm or "mauri," presented by Mr. F. R. Hutchinson; a large and beautifully polished stone adze, contributed by Mr. R. W. Duder; and one of the rare neck ornaments carved from the teeth of the sperm whale, donated by Mr. Percy Monk.

In last year's Report the Council stated that arrangements had been made with the Gizeh Museum, Cairo, for a first instalment of Egyptian antiquities. The collection has since arrived, and has been placed in a special show-case. It contains about 100 examples, the most interesting being a series of vases, bowls, libation vessels, etc., discovered by Dr. Quibell in an 11th dynasty tomb at Sakkarah, near Memphis. The collection forms a very welcome acquisition, and it is hoped that arrangements may be made for other consignments.

AIM Ann Report

1917 to 1918

Mr. Henry Shaw, whose previous gifts of Japanese porcelain, bronzes, ivories, etc., are still fresh in the memory of the Institute, has made an additional presentation of Satsuma and Kioto porcelain, comprising more than 50 articles, together with a few temporarily lent. A special case has been provided, in which the specimens are now exhibited. The thanks of the Museum have been voted to Mr. Shaw for this renewed instance of liberality.

Dr. C. J. Wood, Bishop of Melanesia, has presented a remarkably good outrigger canoe, 29ft. in length, from the Island of Tikopia, in the eastern part of the Solomon group. Dr. Wood had previously contributed two fine canoes of different types to the Museum, and his present gift is valuable as a help towards forming a comparative series.

Among other ethnographical additions, mention may be made of a series of 20 articles from various localities donated by Mr. L. J. Steele; some excellent swords and other specimens from the Niger River, presented by Mr. F. J. Hutchinson; various articles of special merit from Polynesia and Melanesia, given by Colonel Gudgeon; a miscellaneous collection, mainly from Melanesia, from Mr. G. Graham, for many years a regular contributor to the Museum; and, finally, a miscellaneous collection of 38 specimens from Mrs. J. Kirker.

In the natural history department, although a considerable number of small additions have been received, all of which are mentioned in the appended lists, no collections of any size have been added, apart from those obtained by the staff of the Museum. It is quite evident that in the future, so far as many classes of specimens are concerned, the Museum must rely on the activities of its own officers, or on trained collectors engaged by it.

Library.—The undoubted risk of loss through submarines, and the greatly increased charges for freight, insurance, etc., have compelled the Council to suspend the purchase of books for the present. It has been decided, however, to keep up the subscriptions to all magazines and serial publications at present on the Society's list. These come by regular mail-steamer, where the risk is apparently not so great, for the percentage which fails to arrive is inconsiderable. The effect of the change has been to considerably lower the expenditure on the Library, which is shown by the balance-sheet to have been £58, whereas in the previous year the amount was £111 16s. 5d.

The Council have pleasure in acknowledging the donation by Mr. R. Logan of a copy of Rothschild's costly and magnificent work on "Extinct Birds." The former presence of the Moa and other extinct birds in New Zealand, and the fact that several of the living species are fast verging towards extinction, renders this gift of

considerable importance. It should also be mentioned that Professor Brown still continues to forward copies of "Science Abstracts" as soon as each year is completed. Through his kindness, the Institute possesses a complete set of the publication. In addition to the above, and to a few minor donations, the usual presentations and exchanges from foreign Societies have been received and placed in the Library.

Development of the Museum and the Need for a New Site.

—The summary just given of the work performed by the Institute during the year affords many evidences of progress and many proofs of the increasing interest taken by the citizens in both the Museum and Library. But regularly increasing donations and additions, however gratifying they may be as proofs of public confidence and support, are every year increasing the difficulty in housing the collections and exhibiting them to the public. They accentuate the one main fact hindering the development of the Museum and the efforts of its guardians to place it on a higher level—want of room. And this want is not confined to one branch of the Museum, but exists in every department. In addition, it effectually prevents any expansion of the present aims of the institution. There are many activities usually associated with a well-ordered and progressive Museum that are excluded from the Auckland Museum through want of room.

Much consideration has been given to the matter by the Council, and several meetings have been held. It soon became obvious that the question for decision was simply this—Can sufficient accommodation, with due regard to future needs, be obtained on the present site; and if not, what site is best adapted for the purpose? Investigation soon proved that the unbuilt-upon portion of the existing site, with its almost precipitous slope, was likely to prove both inconvenient and expensive, while it was not large enough for present requirements, to say nothing of future needs.

It was then suggested that the site should be enlarged by the purchase of the remaining portion of the Princes Street frontage as far as Waterloo Quadrant. Enquiries were made as to the value of the land, when it was ascertained that the cost would be so great as to be altogether beyond the means of the Institute. Further, it was regarded as highly doubtful whether the Institute could successfully finance any scheme involving the purchase of expensive city property as well as the erection of new buildings.

Having arrived at the conclusion that the removal of the Museum from its present position was inevitable, it became necessary for the Council to search for a new locality. In doing this, it was recognised that the new Museum should occupy a central position, and should possess the fundamental advantages of room for

AIM Ann Report

1917 to 1918

future expansion, decreased risk of fire, and freedom from dust and smoke. Further, it was admitted that as no public Museum in Australia or New Zealand has had to provide its own site, there was no reason why the Auckland Museum should be treated in a different manner.

After an examination of those sites—by no means numerous—that complied with the conditions mentioned above, a meeting of the Council was held to decide which was the most suitable. After full discussion, and after the reasons in favour of changing the site had again been reviewed, the following resolution was moved by Hon. E. Mitchelson, seconded by Mr. C. J. Parr, M.P., and unanimously adopted:—"That this Council is of opinion that the most suitable site upon which to erect a permanent Museum is that part of the Auckland Domain known as Observatory Hill; and that the Auckland City Council be requested to assent to this proposition, with the view of asking Parliament for authority and power to carry out the project."

This expression of the views of the Institute was placed before the City Council at a meeting held on February 7th. It was supported by the Mayor and Deputy Mayor, who respectively proposed and seconded the following resolution, which was unanimously adopted:—"That the request of the Council of the Auckland Institute and Museum for the permission of the Auckland City Council to place a Museum building upon Observatory Hill, in the Auckland Domain, be granted, subject to the Council of the Institute promoting the necessary validating legislation. Further, the Council of the Institute to make provision for the City Council being represented on their body as follows:—Mayor of Auckland, *ex officio* Member of the Council of the Institute, and two others to be nominated by the Auckland City Council." It is a satisfaction to the Council of the Institute to receive such a sympathetic assurance of co-operation from the City Council, and it is hoped that such friendly relations may long exist.

The Council of the Institute has approved of the terms prescribed by the City Council, and is taking steps to promote the necessary legislation as soon as practicable in order to enable the proposed new building to be erected within the Auckland Domain.

In the foregoing statement the members have received a full account of the operations undertaken by the Council during the year, and their probable trend. It is hoped that at some not far distant time these may lead to the erection on Observatory Hill of a new Museum for Auckland, planned on a scale worthy of the largest city in the Dominion, and capable of taking a high place among the Museums of Australasia.

The Treasurer in Account with the Auckland Institute and Museum Trust Board.

February 22, 1917, to February 20, 1918.

I.—WORKING ACCOUNT.

	£	s.	d.		£	s.	d.
Balance in the Bank of New Zealand, February 22, 1917	101	15	3	Library—Books, Periodicals, Binding	58	0	0
Subscriptions	420	0	0	Additions to Museum	75	5	0
Interest from Costley Bequest	453	18	1	Museum Requisites	104	1	7
Rents and Interest transferred from Museum Endowment Account	713	12	11	Salaries	809	8	6
Interest from Mackechnie Library Account	119	0	11	Printing, Advertising, Typing, Insurance, Gas, Annual Cleaning, Expenses of Meetings, Stationery, Postages, and other expenses	235	8	6
Interest from Campbell Bequest	45	0	0	Repairs to Buildings, Painting, Plastering, etc.	102	7	3
Interest from Nathan Bequest	7	2	6	Show-cases and Fittings	98	6	6
Interest from Life Subscription Account	18	14	10	Investment Account in Reduction of Loan of £400..	200	0	0
Special Donations	50	0	0	Call by New Zealand Institute towards Defraying the Cost of Printing the "Transactions"	42	0	0
Miscellaneous	0	7	4	Interest on Loan from Investment Account	24	0	0
				Life Subscription transferred to Savings Bank	10	10	0
				Bank Charges, Interest, and Commission	4	4	0
				Balance in the Bank of New Zealand, February 20, 1918	166	0	6
	£1,929	11	10		£1,929	11	10

T. F. CHEESEMAN, Treasurer.

I have examined the above account, and checked the books and vouchers in connection therewith. I hereby certify that the above is a correct statement of the working expenses and receipts to February 20, 1918.

S. GRAY, F.R.A., Auditor.

AIM Ann Report
1917 to 1918

The Treasurer in Account with the Auckland Institute and Museum Trust Board.

February 22, 1917, to February 20, 1918.

II.—MUSEUM ENDOWMENT ACCOUNT.

	£	s.	d.		£	s.	d.
Balance in the Bank of New Zealand, February 22, 1917	3	17	1	Transferred to Working Account	713	12	11
Endowments Sold	65	11	1	Transferred to Investment Account	65	11	1
Rents of Endowments	98	17	1	Bank Charges	0	10	0
Interest on Investments	615	5	10	Balance in Bank of New Zealand, February 20, 1918	3	17	1
	£783	11	1		£783	11	1

14

III.—MACKECHNIE LIBRARY BEQUEST ACCOUNT.

	£	s.	d.		£	s.	d.
Balance in Bank of New Zealand, February 27, 1917	2	5	0	Transferred to Working Account	119	0	11
Interest on Investments	119	0	11	Bank Charges	0	11	6
	£121	5	11	Balance in Bank of New Zealand, February 20, 1918	1	13	6
					£121	5	11

T. F. CHEESEMAN, Treasurer.

Examined and found correct.

S. GRAY, F.R.A., Auditor.

Invested Funds

OF THE

Auckland Institute and Museum.

FEBRUARY 20TH, 1918.

I.—APPORTIONMENT UNDER STATUTORY HEADINGS OR BY RESOLUTION OF THE COUNCIL:—

	£	s.	d.
Costley Bequest	7,700	0	0
Museum Endowment	11,776	17	1
Mackechnie Library Bequest	2,000	0	0
Campbell Bequest	1,000	0	0
Nathan Bequest	100	0	0
Life Subscription Account	292	11	5
	<u>£22,869</u>	<u>8</u>	<u>6</u>

II.—MODE OF INVESTMENT:—

	£	s.	d.
Mortgages on Freehold Securities	16,600	0	0
Corporation and Harbour Debentures	5,000	0	0
Gas Company Debentures	600	0	0
Loan to Working Account	200	0	0
Deposited in Auckland Savings Bank	12	11	5
Waiting Investment	456	17	1
	<u>£22,869</u>	<u>8</u>	<u>6</u>

T. F. CHEESEMAM, Treasurer.

I have examined the Deeds of the Securities, and the Bank Certificate of Debentures held, and certify the above statement to be correct.

S. GRAY, F.R.A., Auditor.

Form of Bequest.

*I give and bequeath to the Institution known
as the Auckland Institute and Museum the sum of
£ free of succession or estate duty,
to be applicable for the general purposes of such
Institution. And I declare that the receipt of the
Treasurer or the proper officer for the time being
of such Institution shall be a sufficient discharge
for the same.*

List of Benefactions
made to the
Auckland Institute and Museum
of an amount (or value) exceeding £50.

1876.

£2,026 subscribed by the citizens of Auckland towards meeting the cost of the first portion of the present Museum Buildings. (This sum included two donations of £500 each from Mr. Justice Gillies and the Hon. T. Williamson.)

1876.

Presentation made by Mr. R. C. Barstow of a large and varied collection of Maori articles, including flax and dog-skin cloaks, carvings, greenstone ornaments, bone and stone meres, fish-hooks, etc., etc.

1877.

Bequest from Mr. G. F. Edmonston of 564 volumes of standard works on Physical and Natural Science.

1878.

Donation from Mr. T. Russell, C.M.G., of 34 plaster-casts and busts from the antique.

1878.

£106 donated by Mr. J. C. Firth to cover the expense of show-cases in the Museum.

1879-1883.

Mr. J. T. Mackelvie presented 260 volumes of books relating to the early history of New Zealand; 130 volumes of miscellaneous scientific works; a collection of ethnographical specimens from the Swiss Lake Dwellings; and 40 picked mineral specimens.

1884.

Bequest from Mr. Edward Costley of £12,150.

1887.

Bequest from Mr. David Nathan of £100.

1887.

Bequest of Maori articles from Mr. C. O. Davis, comprising dog-skin and feather mats; taiahas, paddles, spears; bone and wooden meres; carved boxes; and a variety of other articles.

AIM Ann Report 1917 to 1918

18

1897-1898.

Donation of £100 from Mr. T. Russell, to cover the expense of forming a collection of geological specimens from the Cape Colville Peninsula.

1901.

Japanese Shinto Shrine, elaborately lacquered and decorated, presented by Mr. L. D. Nathan.

1901-1902.

£1,000 subscribed by the citizens of Auckland for the purchase of the Mair Collection of Maori Ethnographical Articles.

1902-1903.

Bequest of £2,500 from Mr. E. A. Mackechnie (£2,000 to be invested in order to produce an income for the purchase of books for the Library of the Institute; £500 to be expended in providing groups of the larger mammals and the necessary show-cases.)

1906-1907.

£662 subscribed by the citizens of Auckland for the purchase of Mr. Fenton's elaborately carved Pataka, and for the purchase and erection of the Runanga House, Rangitihī.

1911-1912.

£684 subscribed by the citizens of Auckland for the purchase of ancient historic Maori Carvings; and for other additions to the Museum.

1913.

Bequest of £1,000 from Sir John Logan Campbell.

1913.

Donation from Mr. Henry Shaw of 62 volumes of Geographical and Scientific works, and of 110 volumes from Mr. F. Shaw.

1913.

Unusually large and complete collection of Kauri Gum, containing 400 examples, together with the plate-glass show-case containing the same, presented by the Hon. E. Mitchelson.

1915.

Series of 79 specimens of Old English Glass, ranging from the time of the Roman occupancy of Britain to the middle of the eighteenth century. Presented by Dr. C. E. R. Bucknill.

1916.

Collection of 131 specimens of Japanese Ivories, Bronzes, and Cloisonné, many possessing considerable ethnographical and artistic value. Presented by Mr. Henry Shaw.

1917.

Collection of 120 Ethnographical specimens, 55 being of Maori origin, and including several rare and valuable articles, the remainder Polynesian or Melanesian. Bequeathed by Miss Ruth G. Northcroft.

Additions and Donations

TO THE

Library and Museum.

- Parliamentary Papers and Reports; New Zealand Hansard for 1917; New Zealand Statistics for 1916; Monthly Abstract of Statistics for 1917; Annual Report of the Department of Agriculture for 1916; Journal of Agriculture for 1916-1917; 50th Annual Report of the Dominion Laboratory; New Zealand Official Handbook for 1916; Magnetic Survey of New Zealand; various other Papers and Reports:—The New Zealand Government.
- Elsdon Best's Maori Store-houses and kindred structures:—The Dominion Museum.
- Bulletin 18 of the Geological Survey; Paleontological Bulletin No. 4—the Cretaceous Fauna of the North-east part of the South Island:—The Geological Survey.
- Journal of the Polynesian Society, vol. 26:—The Society.
- Journal of the Linnean Society of New South Wales, parts of vols. 40 and 41:—The Society.
- Records of the Australian Museum, parts of vols. 11 and 12:—The Museum.
- Baker's Building and Ornamental Stones of Australia; Baker's Australian Flora in Applied Art; Roughley's Fishes of Australia and their Technology:—The Technological Museum, Sydney.
- Annual Report of the Department of Mines, N.S. Wales, for 1916:—The Department.
- Maiden's Revision of the Genus Eucalyptus, parts of Vols. 3 and 4:—The Author.
- Proceedings of the Royal Society of New South Wales, vol. 37:—T. Steel.
- The Australian Naturalist, parts of vol. 3:—The Editor.
- The Mollusca of the Australasian Antarctic Expedition, by C. Hedley; The Fishes, by E. R. Waite; The Cephalopoda, by S. S. Berry:—The Editor.
- Proceedings of the Royal Society of Victoria; vol. 29, pt. 2, and vol. 30, pt. 1:—The Society.
- Report of the Public Library, Museums, and National Gallery of Victoria for 1916:—The Trustees.
- Proceedings of the Royal Society of Queensland, vol. 28:—The Society.
- Occasional Papers of the Bishop Museum:—Vol. 3, parts 2 and 4; vol. 4, part 2; vol. 6, part 4:—The Museum.
- Report of the Hawaiian Forestry Board for 1916:—The Board.

AIM Ann Report 1917 to 1918

- Year-book of the United States Department of Agriculture for 1916; White's Sacbrood; Lantz's Destruction of Rodent Pests on the Farm; A. G. Speare's Sorosporella; McCray's Spore-forming Bacteria; McGregor and Donough's Red Spider in Cotton; Quaintance's Life History of the Codlin Moth in the Pecos Valley; Graf's Potato Tuber Moth; Back and Pemberton's Melon Fly in Hawaii; Bulletins 436, 465, 513, 535, 554; Journal of Agricultural Research, parts of vols. 8 and 9:—The United States Department of Agriculture.
- Annual Report of the United States National Museum for 1916; Proceedings, vols. 51, 52; Cushman's Monograph of the Foraminifera of the North Pacific; Scyphomedusae of the Albatross Expedition; Jordan and Alvin Seale's Fishes of Samoa; Everman and Seale's Fishes of the Philippine Islands; Jordan and Seale's Fishes of Luzon and Panay; Bulletins Nos. 96, 97, 98, 99, 100, 101, 102; Contributions to the United States National Herbarium, parts of vols. 18-20:—The United States National Museum.
- Annual Report of the Bureau of American Ethnology, vol. 31:—The Bureau.
- Dresser's District of St. John, Quebec; Rose's Wood Mountain Coal Area; Dowling's Plains of Alberta; Cairne's Yukon Territory; Cairne's Wheaton District; Park's Building and Ornamental Stones of Canada; Gray's Coal Fields of Eastern Canada; Mackenzie's Geology of Graham Island; Drysdale's Ymir Mining Camp, British Columbia; Annual Report on the Mineral Production of Canada, 1915; Bulletin of Department of Mines, Nos. 25 and 26; Cole's Test of Canadian Sandstones; Satterly and Elworthy's Mineral Springs of Canada; Lindeman and Bolton's Iron Ore Occurrences in Canada:—The Geological Survey of Canada.
- Kew Bulletin for 1916-1917:—The Director, Kew.
- The Empire Journal for 1917:—The Royal Colonial Institute.
- The Museums Journal for 1917:—The Museums Association.
- Symon's Meteorological Magazine for 1917:—The Editor.
- Report of the Manchester Museum for 1916:—The Museum.
- Science Abstracts for 1916:—Professor Brown.
- Fleming's Industrial Research in the United States; Report on the Resources and Production of Iron Ores and other principal Metalliferous Ores used in the Iron and Steel Industry of the United Kingdom:—The Department of Scientific and Industrial Research, London.
- Bulletin de la Société d'Etudes Océaniques, No. 1:—The Tahitian Government.
- Evolution in Maori Art, parts 1 and 2:—H. D. Skinner.
- Proclamations Nos. 1 to 31, issued by the British Government in Samoa:—Sergeant Andow.
- La Science Française, 2 vols. Published for the French Court at the International Exposition at San Francisco:—The Minister of Public Instruction, Paris.
- The Marine Zoology of Okhamandal, vol. 2.—J. Hornell.
- Rothschild's Extinct Birds:—R. Logan.
- Worsdell's Principles of Plant Teratology, vol. 2:—Purchased.
- Baldwin Brown's Arts of Early England, 4 vols:—Purchased.
- Seward's Fossil Plants, vol. 3:—Purchased.
- Two Oil Paintings by Mr. K. Watkins—"The Pink Terraces of Rotomahana" and "Wairoa, Lake Tarawera." Both painted before the eruption of Tarawera in June, 1886:—Bequeathed by Mr. J. C. Leupolt, Devonport, Tasmania.

- Macri Skull with remarkably perfect teeth, found at St. Helier's:—F. J. Hutchinson.
- Head of Red Deer:—Deposited by J. E. Butler.
- Common Ferret, killed in Scholefield Street, Auckland:—Mrs. John Metcalfe.
- Skin of Kakapo and Kiwi, obtained in Milford Sound:—D. Sutherland.
- Skin of Koheperoa (*Eudynamis taitensis*) from Kohukohu:—D. B. Wallace.
- Kiwi (*Apteryx Mantelli*) from Pukehuia, Northern Wairoa:—The Hon. the Minister for Internal Affairs.
- Shining Cuckoo (*Chrysococcyx lucidus*) caught at Parawai, Thames:—Mr. Whitehead.
- Shining Cuckoo (*Chrysococcyx lucidus*) picked up near Mount Eden:—C. Cooper.
- Two Eggs of Common Hawk (*Circus Gouldi*), obtained in a swamp at Hangatiki:—A. Wilson.
- Branch of *Metrosideros* showing hollow used as a nest of *Gygis alba*; egg of same, both from the Kermadec Islands:—W. R. B. Oliver.
- Albino Californian Quail shot at Hillside, Katikati:—W. Johnstone.
- Racquet-tailed Kingfisher (*Tanysiptera sp.*) from Port Moresby, New Guinea:—Mrs. P. Pickering.
- Nautilinus punctatus*:—Mrs. McLeod.
- Nautilinus elegans*:—A. E. Mason.
- New Zealand Frog (*Liopelma Hochstetteri*) found in a mine at Waihi:—H. D. Morpeth.
- Frame of Photographs shewing the damage done to wooden piles by marine invertebrata:—H. D. Heather, Chairman Auckland Harbour Board.
- Large longicorn beetle from Guadalcanar, Solomon Islands:—Isabel Sanders.
- Hepialus virescens*:—F. J. Williams. Also other specimens by various donors.
- Hawk-moth (*Sphinx convolvuli*):—E. F. Brightwell.
- Paryphanta Busbyi* and *Bulimus bovinus*:—Mrs. Greenway.
- Various New Zealand Shells:—R. Williams.
- Auriferous Quartz from Golden Belt Mine:—H. T. Gorrie.
- Massive Stibnite from Resolution Bay, Marlborough:—E. A. Pullman.
- Dressed Sample of Mount Somers Building Stone:—R. R. Hunt.
- Large siliceous concretion from Hukerenui:—John Broomfield.
- Fossil Shells (*Nautilus* and *Teredo*) from Awakino:—J. W. Rickman.
- Two Foreign Ammonites:—Mrs. Harold Sherwin.
- Large Fossil Shell from Motutara:—Hon. E. Mitchelson.
- Fossil Shells from the East Cape District:—E. Thomson.
- Block of Gypsum from El Fluvial, border of Palestine:—Colonel Mackesy.
- Specimen of *Amanita muscarius* (Fly Mushroom) found at Swanson:—Miss L. Woods.
- Samples of Rubber from Samoa:—Dr. E. Swale.
- Samples of Rubber from Samoa; 15 large photographs of scenery, vegetation, etc.:—Sergeant Andow.
- Two Kotiate Bone Meres, formerly the property of the chief Rewi Maniapoto; one Kotiate Bone Mere formerly belonging to the Uriwera chief-tain Hauwai:—Purchased and presented to the Museum by the subscriptions of the Hon. A. M. Myers, H. Brett, and R. H. Abbott.

AIM Ann Report

1917 to 1918

- Ten plaster bas-reliefs of Maoris (7) and Hawaiians (3), modelled by the well-known sculptor Allan Hutchinson:—H. E. Partridge.
- Ten limestone slabs bearing pre-Maori pictographs, obtained by Dr. Elmore from caves in the interior of Otago:—Obtained on payment of cost of excavation.
- Unusually large and finely polished aphanite adze found off Church Street, Devonport:—R. W. Duder.
- Delicately carved stone charm or "mauri," found at Narrow Neck, Devonport:—F. J. Hutchinson.
- Neck Ornament or "Ngakau," carved from the tooth of a sperm whale; stone pounder of unusual type for beating flax:—Percy Monk.
- Stone-carved step of Maori spade; perforated stone used as a neck ornament; carved bone cartridge-rammer:—H. E. Vaile.
- 32 stone adzes and fishing weights; various worked stone implements; bone fish-hooks; Onewa mere and other articles:—Cayley Robinson.
- Maori fern-pounder of maire; stone adze from Great Barrier Island:—H. Winkelmann.
- Specimen showing how a kit covered with kiwi feathers is woven and the feathers attached; fish-hook of copper; stone wedge; various stone adzes:—G. Graham.
- Ancient bone comb:—R. Frater.
- Patu of whale's bone, found north of Tairua Heads; 3 stone adzes:—G. A. Hodge.
- Peculiar inscribed stone found near an old Maori Pa at Paparimu, Hunua:—A. E. Walker.
- Carved Maori walking-stick—Deposited by Mr. Moss Davis.
- Adze of chert of peculiar shape; triangular bone pendant:—Exchange from Mr. C. Ford.
- 4 stone adzes from Matakana:—Mr. Vipard.
- 6 stone adzes from Motutara, West Coast:—Hon. E. Mitchelson.
- Korowai Cloak:—Col. Boscawen.
- Long greenstone ear-pendant:—Mrs. Vercamer (deposited).
- Broken stone onewa mere; 4 Maori stone adzes:—James Pee.
- Remarkably fine stone hoanga, or grindstone, found near Matata:—Alfred Brett.
- Wooden fern-pounder:—Mr. Wright.
- Collection of 100 Egyptian antiquities—stone vases, bowls, libation vessels; ushabti figures in stone, wood, or enamelled porcelain; Canopic jars; various amulets; stone weights, vases and jars used for toilet purposes, and other articles:—Purchased from the Cairo Museum.
- Large collection of Satsuma and Kioto porcelain and other Japanese articles—in all over 50 specimens:—Mr. Henry Shaw.
- Collection of 38 ethnographical articles from Asia, Africa, and Polynesia:—Mrs. J. Kirker.
- African sword with leather scabbard complete; various spears; two pairs sandals; 3 ornamented baskets—all from Niger River:—F. R. Hutchinson.
- 38 Ethnographical specimens of unusual type, from various parts of the world:—L. J. Steele.
- Hafted stone adze of peculiar style from New Guinea; typical adzes from Mangaia, Rurutu, Malaita; carved lime-spoon from New Guinea; hardwood disc used in playing the game of "Pua":—Colonel Gudgeon.

- Large outrigger canoe from the island of Tikopia, Eastern Solomons:—Dr. Wood, Bishop of Melanesia.
- Three hafted stone adzes from New Guinea:—Deposited by Mr. Moss Davis.
- Thirteen arrows from Melanesia:—Mrs. St. Paul.
- Hafted adze from New Guinea; tooth of sperm whale worn in front of neck, Fiji; Ula club, Fiji or Samoa; various implements from the Solomon Islands; food-bowl; one short bow; 2 short fish-spears; 2 four-pronged do., quiver for all; 2 drinking vessels of cocoa-nut; 2 stone adzes; 2 ceremonial clubs; paddle; inscribed gourd; 2 Mangaian ceremonial adze handles; loom from Santa Cruz; 2 Fijian whales' tooth necklaces; various other articles:—G. Graham.
- Stone-headed club from Melanesia:—F. J. Hutchinson.
- Two Tambu posts from the Solomon Islands; one large steer-paddle:—Miss Pulling (deposited).
- Inlaid food-bowl from Solomon Islands; peculiar lime gourd from same locality; wooden hook; woven cloth from Santa Cruz; inlaid comb:—Purchased.
- Turkish tea-kettle; bronze lamp; Turkish pipe; carved wooden figure; cowry with enamelled portrait; coin embedded in lava from Vesuvius; torch-holder from Melanesia; shell from pompom:—Mrs. Harold Sherwin.
- Two pairs snow-shoes; one pair moccasins; 4 pieces bead work; 7 pieces birch bark adorned with beads:—Mrs. Speakman.
- Two large Amphorae excavated from the ruins of Pompeii:—Mrs. Vane (née Mair).
- Cut-glass bowl of Waterford glass:—Deposited by Miss Mulvaney.
- Eight copper coins; six silver coins:—Miss Berringer.
- Silver coin of Edward III.:—W. Mitchell.
- 17 copper coins; 18 silver coins; 2 gold coins; 2 African bangles; 2 ear-pendants:—Mrs. Knibb.
- Fiji Government Debiture for ten dollars; six Fiji Treasury Notes (1873):—H. Winkelmann.
- Portion of tree growing by the Endeavour River, to which Cook tied his ship while repairing her:—G. J. Black.
- South African War Medal (1855); Chinese War Medal; Baltic Medal (1854-1855); Navy Water-bottle. Once the property of A.B. seaman E. G. Clements. Presented by Mrs. E. J. Clements.
- Great-coat of German infantry soldier. Taken at Flers, battle of the Somme:—Pte. A. S. Wilshire, Otago Regiment.
- German helmet taken at the battle of Messines:—Mrs. Waterton.
- Part of Zeppelin L33, brought down by Lieut. Sowrey at Chelmsford, September, 1916:—F. W. Harrison.
- Cartridges dug up at Tel-el-Kebir, Egypt:—Pte. J. Mendoza.
- Dagger made from a saw-file mounted in a wooden handle. Made by the German prisoners that escaped from Motuihi:—W. B. Leyland.

LIST OF MEMBERS

For the Year ending March 31st, 1918
(with Postal Addresses).

(Members are requested to advise the Secretary of any change of Address.)

[Honorary and Life Members distinguished thus *.]

- | | |
|---|--|
| Abbott, R. H., Elliott Street, Auckland. | Arnold, C., Swanson Street, Auckland. |
| Abel, R. S., care Abel, Dykes & Co., Shortland Street, Auckland. | Arnoldson, L., Quay Street, Auckland. |
| Adams, L., 23, Brown Street, Ponsonby. | Arthur, T. B., Elliott Street, Auckland. |
| Adlington, Miss, Aratonga Avenue, Epsom. | Atkinson, H., Grafton Road, Auckland. |
| Aickin, G., Queen Street, Auckland. | |
| Alexander, J., Shortland Street, Auckland. | Bagnall, H. N., Mason's Avenue, Ponsonby. |
| Alexander, L. W., "Beauvoir," Hurstmere Road, Takapuna. | Baker, G. H., Commerce Street, Auckland. |
| Alison, A., Devonport Ferry Co., Auckland. | Ball, W. T., Sylvan Avenue, Mt. Eden. |
| Alison, E. W., Devonport Ferry Co., Auckland. | Bamford, H. D., LL.D., Bank of of N.Z. Buildings, Auckland. |
| Alison, E. W., jun., Bank of N.Z. Chambers, Swanson Street, Auckland. | Bankart, A. S., Strand Arcade, Queen Street, Auckland. |
| Alison, Ernest, Bank of N.Z. Chambers, Swanson Street, Auckland. | Bankart, F. J., Shortland Street, Auckland. |
| Allen, John, Cheltenham Avenue, Devonport. | Barr, J., Public Library, Wellesley Street, Auckland. |
| Allum, John, National Electrical and Engineering Co., Wellesley Street, Auckland. | Barr, J. M., Auckland Savings Bank, Auckland. |
| Ambury, S. J., Greenwood's Corner, Onehunga. | Barry, S., Queen Street, Auckland. |
| Anderson, E., Fort Street, Auckland. | Bartlett, W. H., Queen Street, Auckland. |
| Ardern, P. S., Remuera. | Bartrum, J. A., M.Sc., University College, Auckland. |
| Arey, W. E., Victoria Arcade, Auckland. | *Bates, T. L., "Brookfield," Alfred Street, Waratah, Newcastle, New South Wales. |
| Armitage, F. L., New Zealand Expeditionary Forces. | Batger, J., Mt. Eden Road, Auckland. |
| | Beattie, Dr. R. M., Mental Hospital, Avondale. |

- Bell, T., Union Soap and Candle Co., Albert Street, Auckland.
- Benjamin, Lionel, P. Hayman and Co., Customs Street, Auckland.
- Binney, E. H., G. W. Binney and Sons, Fort Street, Auckland.
- Biss, N. L. H., Shortland Street, Auckland.
- Blair, J. M., Market Road, Epsom.
- Blomfield, E. C., Parr & Blomfield, Shortland Street, Auckland.
- Blomfield, W., "Observer" Office, Wyndham Street, Auckland.
- *Bloomfield, G. R., "The Pines," Epsom.
- *Bloomfield, H. R., St. Stephen's Avenue, Parnell.
- Bloomfield, J. L. N. R., St. Stephen's Avenue, Parnell.
- Bowyer, S. B., N.Z. Expeditionary Force, France.
- Bradley, Samuel, Onehunga.
- Bradney, H., Queen Street Wharf, Auckland.
- Brett, H., "Star" Office, Shortland Street, Auckland.
- Briffault, R., M.D., N.Z. Expeditionary Force.
- Brooke-Smith, E., Manukau Road, Parnell.
- Broun, Major T., F.E.S., Chevalier of the Legion of Honour, Mount Albert.
- Brown, E. A., Cleave's Buildings, High Street, Auckland.
- Brown, John, Beresford Street, Bayswater.
- Bruce, W. W., Williamson Chambers, Shortland Street.
- *Buchanan, A., Vulcan Lane, Auckland.
- Buckleton, H., Bank of New Zealand, Auckland.
- Buddle, C., Wyndham Street, Auckland.
- Buddle, T., Wyndham Street, Auckland.
- Burnett, H. B., Harbour Board Offices, Auckland.
- Burns, R., Customs Street, Auckland.
- Burt, A., A. T. Burt & Co., Customs Street, Auckland.
- Bush, W. E., City Engineer, Auckland.
- Butler, J., Kauri Timber Co., Customs Street, Auckland.
- Butler, Miss, Girls' Grammar School, Auckland.
- Buttle, G. A., Hobson Buildings, Shortland Street, Auckland.
- Buttle, J., N.Z. Insurance Co., Queen Street, Auckland.
- Cadman, F. P., Hoiland, Gillett and Co., Customs Street, Auckland.
- Caldwell, D. R., Macky, Logan and Co., Elliott Street, Auckland.
- Campbell, J. P., Russell, Campbell & McVeagh, High Street, Auckland.
- Carlaw, J., 226, Symonds Street, Auckland.
- Carpenter, J. M., Newmarket.
- Carr, E. J., Williamson Avenue, Grey Lynn.
- Carse, H., Kaiaka, Mangonui.
- Carter, M., Smeeton's Buildings, Queen Street, Auckland.
- Casey, Maurice, Hamilton Road, Ponsonby.
- Casey, Victor P., New Street, Ponsonby.
- Casey, W., Hamilton Road, Ponsonby.
- Caughey, A. C., Smith & Caughey, Ltd., Queen Street, Auckland.
- Caughey, J., Marsden, Smith & Caughey, Ltd., Queen Street, Auckland.
- Chambers, S. G., 106, Victoria Arcade, Queen Street, Auckland.
- Chatfield, Dr. H. A., Victoria Street East, Auckland.
- Cheal, P. E., Upper Queen Street, Auckland.
- Cheeseman, T. F., F.L.S., F.Z.S., Museum, Auckland.
- Choyce, H. C., Remuera Road, Auckland.
- Clark, A., Wellesley Street, Auckland.
- Clark, H. C., Wellesley Street, Auckland.
- Clark, M., Wellesley Street, Auckland.
- Clark, R. G., Robertson Brothers, Quay Street, Auckland.

AIM Ann Report 1917 to 1918

- Clay, T. B., S. Vaile & Sons,
Queen Street, Auckland.
- Clayton, C. Z., Ellerslie.
- Clayton, D. L., Kauri Timber Co.,
Customs Street, Auckland.
- Coates, T., Orakei.
- Coe, James, Mt. Eden Road, Auckland.
- Colbeck, W. B., Fort Street,
Auckland.
- Cole, Rev. R. H., Walford, Gladstone Road, Parnell.
- Cole, W., Mt. Eden Road, Auckland.
- Coleman, J. W., Lower Queen Street, Auckland.
- Combes, F. H., Victoria Avenue, Remuera.
- Cooper, C., Bourne Street, Mt. Eden.
- Cooper, Mr. Justice, Supreme Court, Auckland.
- Copeland, M., 97, College Hill, Auckland.
- Cory-Wright, S., B.Sc., New Zealand Expeditionary Force, France.
- Court, G., Karangahape Road, Auckland.
- Court, J., Ponsonby, Auckland.
- Court, J. W., J. Court, Ltd., Queen Street, Auckland.
- Cousins, H. G., Normal School, Wellesley Street, Auckland.
- Craig, E. A., J. J. Craig, Ltd., Queen Street, Auckland.
- Crompton, W. J., New Zealand Expeditionary Force, France.
- Crook, John, 10, Prospect Terrace, Mount Eden.
- Cuff, J. C., Emerald Hill, Epsom.
- Culling, T. S., Ferry Buildings, Queen Street, Auckland.
- Culpan, W., Hesketh & Richmond, Wyndham Street, Auckland.
- Currie, J. C., 202, Queen Street, Auckland.
- Davis, Elliot R., Hancock & Co., Customs Street, Auckland.
- Davis, Ernest, Hancock & Co., Customs Street, Auckland.
- Dearsly, H., P.O. Box 466, Auckland.
- Dempsey, J., Newmarket.
- Dennin, John, care Hon. E. Mitchellson, Waimauku.
- Dettmann, Professor H. S., University College, Auckland.
- Devereux, H. B., Waikumete.
- Donald, A. B., A. B. Donald, Queen Street, Auckland.
- Downard, F. N. R., New Zealand Expeditionary Force, France.
- Duder, R. W., Devonport.
- Duncan, A., Railway Offices, Auckland.
- Duthie, D. W., National Bank of New Zealand, Wellington.
- Earl, F., K.C., Swanson Street, Auckland.
- Edgerley, Miss K., Girls' Grammar School, Auckland.
- Edmiston, H. J., Champtaloup and Edmiston, Queen Street, Auckland.
- Edson, J., Waimarama, Tudor Street, Devonport.
- Egerton, Prof. C. W., University College, Auckland.
- Ellingham, W. R., Customs Street, Auckland.
- Elliot, G., Bank of N.Z. Buildings, Swanson Street, Auckland.
- Elliot, W., Bank of N.Z. Buildings, Swanson Street, Auckland.
- Ellis, A. F., Argyle Street, Ponsonby.
- Ellis, J. W., Hamilton, Waikato.
- Ellison, T., Ellison's Buildings, Queen Street, Auckland.
- Endean, J., Star Hotel, Albert Street, Auckland.
- Endean, J., jun., Waitemata Hotel, Auckland.
- Entrican, A. J., Customs Street, Auckland.
- Entrican, J. C., Customs Street, Auckland.
- Ewen, J. F. A., Sargood, Son and Ewen, Ltd., Victoria Street West, Auckland.
- Ewington, F. G., Durham Street, Auckland.
- Fairclough, Dr. W. A., Imperial Buildings, Queen Street, Auckland.
- Fallon, W., Union Buildings, Customs Street, Auckland.

- Farrell, R., Anglesea Street, Auckland.
- Fenwick, Dr. G., New Zealand Expeditionary Force.
- Fenwick, R., T. & S. Morrin, Auckland.
- Ferguson, A. M., John Burns and Co., Ltd., Customs Street, Auckland.
- Fleming, J., 142, Grafton Road, Auckland.
- Florance, R. S., Stipendiary Magistrate, Gisborne.
- *Fowlds, Hon. G., Queen Street, Auckland.
- Frater, J. W., Stock Exchange, Auckland.
- Frater, Captain W., Manukau Road, Parnell.
- Garlick, G. C., Tonson Garlick Ltd., Queen Street, Auckland.
- Garrard, C. W., M.A., Education Offices, Auckland.
- George, G., Technical College, Wellesley Street, Auckland.
- George, Hon. S. T., St. Stephen's Avenue, Parnell.
- Gerard, E., Union Buildings, Customs Street, Auckland.
- Gilfillan, H., St. Stephen's Ave., Parnell.
- Gillett, J., Hoiland & Gillett, Customs Street, Auckland.
- Gillies, A. W., Glenalvon, Waterloo Quadrant, Auckland.
- Girdler, Dr., Khyber Pass Road, Auckland.
- Gleeson, J. C., Selwyn Lodge, Manukau Road, Parnell.
- Goldie, A., Wallace Street, Ponsonby.
- Goldie, D., Breakwater Road, Auckland.
- Goldie, H., Breakwater Road, Auckland.
- Gorrie, H. T., A. Buckland & Sons, Albert Street, Auckland.
- Graham, A. G., Briscoe & Co., Customs Street, Auckland.
- Graham, G., Tudor Street, Devonport.
- Grant, Miss J., M.A., Devonport.
- *Gray, A., Smeeton's Buildings, Queen Street, Auckland.
- Gray, S., Mt. Eden Borough Council Offices, Mt. Eden.
- Gribbin, G., Nicholson & Gribbin, Imperial Buildings, Queen Street, Auckland.
- Griffin, L. T., Museum, Auckland.
- Grossmann, Professor J. P., University College, Auckland.
- Gunson, J. H., Mayor of Auckland, Church Road, Epsom.
- Gunson, R. W., New Zealand Expeditionary Forces.
- Haddow, J. G., Wyndham Street, Auckland.
- Haines, H., F.R.C.S., Shortland Street, Auckland.
- Hall, Edwin, Seacliff Road, Onehunga.
- Hallwright, Dr G., Medical Chambers, Queen Street, Auckland.
- Halstead, E. D., Jervois Road, Ponsonby.
- Hamer, W. H., C.E., Harbour Board Offices, Auckland.
- Hansard, G. A., New Zealand Expeditionary Forces, France.
- Harbutt, S. J., Selwyn Road, Epsom.
- Hardie, J. C., Hardie Bros., Queen Street, Auckland.
- Hardley, J. W., Customs Street, Auckland.
- Harris, Louis, Huntly.
- Hawkins, Rev. Archdeacon H. A., Remuera.
- Hay, D. A., Montpellier Nursery, Remuera.
- Hay, Douglas, Stock Exchange, Queen Street, Auckland.
- Hayr, H. H., Union Bank Buildings, Queen Street, Auckland.
- Hazard, W. H., Queen Street, Auckland.
- Heather, H. D., Fort Street, Auckland.
- Herbert, T., Shortland Street, Auckland.
- Herries, Hon. W. H., M.P., Wellington.
- Hesketh, H. R., Hesketh & Richmond, Wyndham Street, Auckland.
- Hesketh, S., Hesketh & Richmond, Wyndham Street, Auckland.
- Higgins, E., Market Entrance, off Queen Street, Auckland.

AIM Ann Report 1917 to 1918

- Holderness, D., New Zealand Expeditionary Forces, France.
- Holland, J. J., City Road, Auckland.
- Horton, E., "Herald" Office, Queen Street, Auckland.
- Horton H., "Herald" Office, Queen Street, Auckland.
- Houghton, C. V., N.Z. Shipping Co., Quay Street, Auckland.
- Howey-Walker, A., Queen Street, Auckland.
- Hudson, C., Mount Eden Road, Auckland.
- Hunter, Ashley, C.E., Swanson Street, Auckland.
- Hutchinson, F. R., St. Heliers.
- Hutchison, W. E., Nelson Street, Auckland.
- Ick-Hewins, Dr. T. J., Manaia, Taranaki.
- Inglis, Dr. R. T., New Zealand Expeditionary Forces.
- Issacs, R. C., St. George's Bay Road, Parnell.
- Jackson, J. H., Customs Street, Auckland.
- Jackson, Thornton, Jackson and Russell, Shortland Street, Auckland.
- *Johnson, Professor J. C., M.Sc., University College, Auckland.
- Johnson, H. Dunbar, 151 Newton Road.
- Johnston, Hallyburton, Morrinsville.
- Johnston, J. B., Stewart & Johnston, Wyndham Street, Auckland.
- Jones, J. D., P.O. Box 822, Auckland.
- Kenderdine, J., Sale Street, Auckland.
- Kent, B., Lower Symond Street, Auckland.
- Kent, G. S., St. Stephen's Avenue, Parnell.
- Kissling, H. P., St. Stephen's Avenue, Parnell.
- Kneebone, F., Mountain Road, Epsom.
- Knight, G., Asquith Avenue, Mt. Albert.
- Laidlaw, R. A., Wyndham Street, Auckland.
- Lamb, J. A., Arney Road, Remuera.
- Lamb, S. E., B.Sc., University College, Auckland.
- Lancaster, T. L., University College, Auckland.
- Lang, Sir F. W., M.P., Hillsborough, Onehunga.
- Larkin, H., Harbour Board Offices, Auckland.
- Larner, V. J., Swanson Street, Auckland.
- Laurie, B.A., W. S. Laurie & Co., Customs Street, Auckland.
- Lawson, H. W., National Bank of New Zealand, Queen Street, Auckland.
- LeRoy, E., 18 Waterview Road, Devonport.
- Leighton, F. W., High Street, Auckland.
- Leyland, W. B., Customs Street West, Auckland.
- Leys, Cecil, New Zealand Expeditionary Forces.
- Leys, T. W., "Star" Office, Shortland Street, Auckland.
- Logan, R., jun., Government Insurance Buildings, Queen Street, Auckland.
- Long, D., Farmers' Freezing Co., Breakwater Road, Auckland.
- Long, W. H., Woodford Road, Mount Eden.
- Longuet, A. A., Palmerston Buildings, Queen Street, Auckland.
- Lowe, Dr. De Clive, Lower Symonds Street, Auckland.
- Lunn, A. G., Collins Bros., Wyndham Street, Auckland.
- Macfarlane, J. B., Fort Street, Auckland.
- Mackay, G. J., Queen Street, Auckland.
- Mackay, J. G. H., Ellison Chambers, Queen Street, Auckland.
- Mackay, P. M., Wellesley Street, Auckland.
- Mackellar, Dr. E. H., Manukau Road, Parnell.
- Mackenzie, Dr. Kenneth, O'Rorke Street, Auckland.
- Macklow, W. C., Mountain Road, Remuera.

- *Macmillan, C. C., Remuera Road, Remuera.
- Mahoney, T., Swanson Street, Auckland.
- Mains, W., Tram Terminus, Remuera.
- Mair, Captain G., Whakatane.
- Mair, S. A. R., Hunterville, Wellington.
- Major, C. T., King's College, Remuera.
- Makgill, Dr. R. H., Health Department, Wellington.
- Mander, F., M.P., Ponsonby.
- Marriner, H. A., N.Z. Insurance Co., Queen Street, Auckland.
- Marsack, Dr., New Zealand Expeditionary Forces.
- Marshall, J., Te Atakua Road, Remuera.
- Mason, Mrs. F., Westoun, New Plymouth.
- Massey, Right Hon W. F., M.P., Wellington.
- Matthews, H. B., Clonbern Road, Remuera.
- McCullough, Hon. W., Thames.
- McDowell, Dr. W. C., Remuera.
- McFarlane, T., C.E., 301, Victoria Arcade, Auckland.
- McIlraith, Dr. J. W., High School, Whangarei.
- McIntosh, D. T., Railway Offices, Auckland.
- McKenzie, Capt. G., Devonport.
- McLaughlin, T. M., Hobson Buildings, Shortland Street, Auckland.
- MacMurray, Archdeacon G., St. Mary's Vicarage, Parnell.
- McVeagh, R., Campbell & McVeagh, High Street, Auckland.
- Mennie, J. M., Albert Street, Auckland.
- Metcalfe, H. H., C.E., Palmerston Buildings, Queen Street, Auckland.
- Miller, E. W., Albert Street, Thames.
- Miller, E. V., Chelsea, Auckland.
- Milne, J., John Chambers & Son, Fort Street, Auckland.
- Milne, Miss M. J., Milne and Choyce, Queen Street, Auckland.
- Milne, Stewart, Milne & Choyce, Queen Street, Auckland.
- Milroy, S., Kauri Timber Co., Custom Street W., Auckland.
- Milsom, Dr. E. H. B., 18, Waterloo Quadrant, Auckland.
- Mitchelson, Hon. E., Waitaramoa, Remuera.
- Mitchelson, E. P., Motutara, Waimauku.
- Mitchelson, R., Dargaville.
- Morrison, A.R., Palmerston Buildings, Queen Street, Auckland.
- Morrison, W. B., Brunswick Buildings, Queen Street, Auckland.
- Morton, E., Customs Street, Auckland.
- Morton, H. B., One-tree Hill, Epsom.
- Mulgan, A. E., "Star" Office, Auckland.
- Mulgan, E. K., Education Offices, Auckland.
- Murray, C. T., C.E., Public Works Office, Auckland.
- Murray, G. W., Omaha Road, Remuera.
- Myers, Hon. A. M., M.P., Campbell & Ehrenfried Co., Queen Street, Auckland.
- Myers, B., Symonds Street, Auckland.
- Napier, W. J., A.M.P. Buildings, Queen Street, Auckland.
- Nathan, D. L., L. D. Nathan & Co., Shortland Street, Auckland.
- *Nathan, N. A., L. D. Nathan & Co., Shortland Street, Auckland.
- Neve, B., Technical College, Wellesley Street, Auckland.
- Newton, G. M., "Herald" Buildings, Queen Street, Auckland.
- Nicol, G., Customs Street W., Auckland.
- Nicholson, O., Imperial Buildings, Queen Street, Auckland.
- Nolan, H. O., St. Stephen's Avenue, Parnell.
- Oliphant, P., 24, Symonds Street, Auckland.
- *Oliver, W. R. B., New Zealand Expeditionary Forces.
- Osmond, G. B., Royal Insurance Buildings, Queen Street, Auckland.

AIM Ann Report 1917 to 1918

- Ostler, H. H., Jackson & Russell, Shortland Street, Auckland.
- Owen, Professor G., D.Sc., New Zealand Expeditionary Force, France.
- Pacey, H. E., Hamilton Road, Ponsonby.
- Parr, C. J., C.M.G., M.P., Shortland Street, Auckland.
- Partridge, H. E., Albert Street, Auckland.
- Patterson, D. B., Ellison Chambers, Queen Street, Auckland.
- Patterson, Colonel G. W. S., Shortland Street, Auckland.
- Peacock, T., Queen Street, Auckland.
- Petrie, D., Rosmead, Ranfurly Road, Epsom.
- Philcox, T., Philcox & Sons, Strand Arcade, Auckland.
- Philson, W. W., Colonial Sugar Co., Quay Street, Auckland.
- Pond, J. A., F.C.S., Queen Street, Auckland.
- Poole, G. S., Harbour Board Offices, Auckland.
- Porter, A., E. Porter & Co., Queen Street, Auckland.
- Potter, E. H., Tanfield, Potter and Co., Queen Street, Auckland.
- Pountney, W. H., Fort Street, Auckland.
- Powell, F. E., C.E., Ferry Buildings, Queen Street, Auckland.
- Price, E. A., Buchanan & Price, Albert Street, Auckland.
- Price, T. G., 109, Queen Street, Auckland.
- Pryor, S. H., 26, Pencarrow Avenue, Mount Eden.
- Pulling, Miss, Diocesan School, Epsom.
- Purchas, Dr. A. C., New Zealand Expeditionary Forces.
- Pycroft, A. T., Railway Offices, Auckland.
- Ralph, E. V., Arthur Street, Ponsonby.
- Ralph, W. J., Princes Street, Auckland.
- Rangihiroa, Dr., New Zealand Expeditionary Forces.
- Rawnsley, S., Quay Street, Auckland.
- Rawson, G. A., 31, Ferry Buildings, Queen Street, Auckland.
- Rayner, Dr. F. J., Queen Street, Auckland.
- Reed, J. R., K.C., Cleave's Buildings, High Street, Auckland.
- Reid, J., 43, Fort Street, Auckland.
- Renshaw, F., Sharland & Co., Lorne Street, Auckland.
- Rhodes, C., Ronaki, Remuera.
- Richmond, H. P., Arney Road, Remuera.
- Ridings, J. P., Collector of Customs, Customs Street, Auckland.
- Robb, J., Victoria Avenue, Mount Eden.
- Robertson, A. B., Heather, Robertson & Co., Fort Street, Auckland.
- Robertson, Dr. E., New Zealand Expeditionary Forces.
- Robertson, Dr. Carrick, Alfred Street, Auckland.
- Robertson, Jas., Market Road, Remuera.
- Roche, H., Horahora, near Cambridge, Waikato.
- Rolfe, W., Sharland & Co., Lorne Street, Auckland.
- Rollett, F. C., "Herald" Offices, Queen Street, Auckland.
- Rowe, J., Onehunga.
- Russell, E. N. A., Russell, Campbell & McVeagh, High Street, Auckland.
- Saxton, A. C., Pyrmont, Sydney.
- Scott, Rev. D., New Zealand Expeditionary Forces.
- Seegner, C., St. Stephen's Avenue, Parnell.
- Segar, Prof. H. W., M.A., Manukau Road, Parnell.
- Shakespeare, Mrs. R. H., Whangaparaoa.
- Shaw, F., Vermont Street, Ponsonby.
- Shaw, H., St. Arvans, Carlton Gore Road, Auckland.
- Simmonds, Rev. J. H., Wesley Training College, Epsom.
- Simson, T., Mt. St. John Avenue, Epsom.

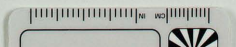
- Sinclair, A., Kuranui, Symonds Street, Auckland.
- Sinclair, G., care Pilkington & Co., Queen Street, Auckland.
- Skeet, H. M., Pencarrow Avenue, Mount Eden.
- Smeeton, H. M., Binswood, View Road, Mt. Eden.
- Smith, Capt. James, Franklin Road, Ponsonby.
- Smith, H. G. Seth, Russell, Bay of Islands.
- *Smith, S. Percy, F.R.G.S., New Plymouth.
- Smith, W. Todd, Brooklands, Alfred Street, Auckland.
- Somers, W. C., Russell & Somers, Customs Street, Auckland.
- Somerville, Dr. J., Alfred Street, Auckland.
- Somerville, J. M., Chelsea, Auckland.
- Spedding, J. C., Market Road, Remuera.
- Speight, W. J., Diocesan Office, Shortland Street, Auckland.
- Stanton, J., Fort Street, Auckland.
- Stewart, D. F., c/o R. S. Lamb and Co., 32, Jamieson Street, Sydney.
- Stewart, J. W., Wyndham Street, Auckland.
- Stewart, John A., Kainga-tonu, Ranfurly Road, Epsom.
- Stewart, R. Leslie, Brown and Stewart, Swanson Street, Auckland.
- Streeter, S. C., Enfield Street, Mt. Eden.
- Stevens, J. L., New Zealand Expeditionary Forces.
- Suter, A., Lontis, Clonbern Road, Remuera.
- Swan, H. C., Henderson.
- Swanson, W., Queen Street, Auckland.
- Talbot, Dr. A. G., A.M.P. Buildings, Queen Street, Auckland.
- Taylor, W., Kempthorne, Prosser & Co., Albert Street, Auckland.
- Thomas, Professor A. P. W., F.L.S., Mountain Road, Epsom.
- Thompson, Hon. T., Mount Eden.
- Thornes, J., Queen Street, Auckland.
- Tibbs, J. W., M.A., Grammar School, Auckland.
- *Tinne, H., Union Club, Trafalgar Square, London.
- Tole, Hon. J. A., Queen Street, Auckland.
- Trounson, J., Northcote.
- Tudehope, R., Wellesley Street West, Auckland.
- Tunks, C. J., Jackson & Russell, Shortland Street, Auckland.
- Upton, J. H., Bank of New Zealand Buildings, Swanson Street, Auckland.
- Upton, P., South British Insurance Co., Queen St., Auckland.
- Upton, P. T., P.O. Box 878, Auckland.
- Upton, Selwyn, "Star" Office, Auckland.
- Vaile, E. E., Broadlands, Waio-tapu.
- Vaile, H. E., Queen Street, Auckland.
- Virtue, P., Roller Mills, Quay Street, Auckland.
- Wade, Lieut. H. L., New Zealand Expeditionary Forces, Palestine.
- Wake, F. W., Cleave's Buildings, High Street, Auckland.
- Walker, Prof. Maxwell, University College, Auckland.
- Walklate, J. J., Electric Tramway Co., Auckland.
- Wallace, T. F., Waihi G.M. Co., Shortland Street, Auckland.
- Walters, J. R., Onslow Road, Kingsland, Auckland.
- Ware, W., Portland Rd., Remuera.
- Warnock, J. A., 2, King Street, Grey Lynn.
- Watson, J., Claengart, Remuera.
- Wells, T. U., Westbourne Road, Remuera.
- Westervelt, W. D., Honolulu.
- White, R. W., Wellington Street, Auckland.
- Whitley, W. S., Albert Street, Auckland.
- Whitney, C. A., Colonial Ammunition Co., Auckland.

AIM Ann Report 1917 to 1918

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| Whittome, F., Carlton Road, Newmarket. | Winkelmann, H., Victoria Arcade, Auckland. |
| Williamson, C., 81, Queen Street, Auckland. | *Winstone, F. A., Claude Road, Epsom. |
| Williamson, J. C., Chief Postmaster, Auckland. | Winstone, G., Customs Street E., Auckland. |
| *Williamson, J. D., Rukuhia, Hamilton. | Wiseman, F., Queen Street, Auckland. |
| Wilson, Andrew, District Surveyor, Hangatiki. | Wiseman, J. W., Albert Street, Auckland. |
| Wilson, A. P., Victoria Arcade, Auckland. | *Withy, E., care of Auckland Institute, Auckland. |
| Wilson, C. A., Hume's Buildings, Shortland Street, Auckland. | Woledge, E. H., New Zealand Loan & Mercantile, Ltd., Albert Street, Auckland. |
| Wilson, F. W., "Herald" Buildings, Queen Street, Auckland. | *Wood, Right Rev. C. J., D.D., Bishop of Melanesia, Norfolk Island. |
| Wilson, G. A., Wilson & Canham, Ferry Buildings, Auckland. | Woodward, W. E., Union Bank of Australia, Queen St., Auckland. |
| Wilson, John, Portland Cement Co., Shortland Street, Auckland. | Woollams, W. H., Queen Street, Auckland. |
| Wilson, J. M., Portland Road, Remuera. | Worley, Professor F. P., D.Sc., University College, Auckland. |
| Wilson, Liston, Mountain Road, Remuera. | Wright, R., A. B. Wright & Sons, Commerce Street, Auckland. |
| Wilson, Martyn, Roselle, Lower Remuera. | Wyllie, A., C.E., Electrical Power Office, Breakwater, Auckland. |
| Wilson, R. M., Russell Road, Remuera. | |
| Wilson, W. R., "Herald" Office, Queen Street, Auckland. | Yates, E., Albert Street, Auckland. |
| Wing, S., Hellabys Ltd., Shortland Street, Auckland. | Young, J. L., Henderson & Macfarlane, Fort Street, Auckland. |



AIM Ann Report
1917 to 1918



AIM Ann Report
1917 to 1918

